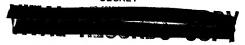
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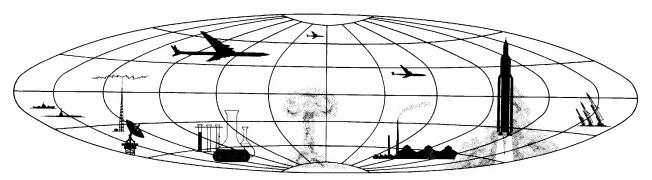
NPIC/R-16/65 January 1965

MISSION COVERAGE INDEX MISSION C324C 9 DECEMBER 1964





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WARNING

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PREFACE

This Mission Coverage Index (MCI) lists the intelligence targets imaged on the photography of this mission. Items in the MCI are arranged in three sections:

 $\underline{\text{Section I}}_{\text{provides short descriptions for newly identified targets and previously reported targets showing change,}$ and also provides order of battle information.

Section II provides a listing of those targets which reflect no apparent change in facilities from the most adequate previous description. The MCI in which this description appears is designated by the appropriate mission number, prefixed by the letters "NAC" and appearing as the last entry on the photo reference line. Military installations where there is no significant change in facilities and where no order of battle can be determined are listed under this section.

 $\underline{\text{Section III}}$ provides a listing of those targets which could be identified but not interpreted.

Targets in each of the three sections are arranged 1) by country, 2) within the country according to subject, 3) within the subject by WAC area, and 4) within the WAC area by geographic coordinates in ascending order. An explanation of column headings and photo references used in presenting the information is contained in the appendix. The map base used (when available) for the derivation of coordinates in this MCI is the latest edition of the US Air Target Chart, Series 200.

For the convenience of the user, an index to all targets is included following Section III. Targets in the index are arranged alphabetically within a country.

The user of this MCI is cautioned that the scan of photography was accomplished in a relatively short time and often without the aid of precise analytical and mensural techniques commonly employed in detailed photographic analysis. Consequently, although the information presented herein is essentially accurate, additional, detailed analysis may somewhat alter portions of the information.

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25X1D

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SECTION I

THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

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| * | Target | Coordinates | WAC | Targe | Numbers |
|----------------|--|--------------|------|-------|---------|
|] | NOTE AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES LIGHT (ZPU-2, ZPU-4, 37MM), MEDIUM (57MM, 85MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN | Coordinates | WAC | BE BE | NPIC |
| 25X1D 25X1A | AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/ UNDCCUPIED). -CHINA- MISSILES LU-TA CRUISE-MISSILE LAUNCH SITE 9 NM ESE OF LU-TA AND 9 NM WNW OF LU-SHUN-KOU. NO APPARENT CHANGE IN FACILITIES SINCE MISSION LAUNCH AREA APPEARS INACTIVE. NO EQUIPMENT OBSERVED IN EITHER LAUNCH POSITIONS OR SUPPORT AREA. | 3849N 12127E | Ø381 | 25X1A | 18-D |
| 25X1D 25X1D | AIR INSTALLATIONS YING-KOU AIRFIELD PREVIOUSLY REPORTED LANDING AREA IS CROSSED BY ROADS AND IRRIGATION DITCHES AND IS APPARENTLY NO LONGER AN AIRFIELD. | 4041N 12211E | Ø289 | | 3Ø-6 |
| | TENG-AO-PAO AIRFIELD 1.7 NM NE OF TENG-AO-PAO. 6.535 X 195 FT NNE/SSW CONCRETE RUNWAY, | 4106N 12251E | Ø289 | 37 | 27 |

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| | | C | WAC | | t Numbers | |
|---|--|--------------|-------|-------|-----------|--|
| | Target | Coordinates | WAC . | B€ | NPIC | |
| 5X1A 25X1D 5X1D 25X1A 25X1D | SERVICEABLE. FACILITIES INCLUDE PARALLEL LOOP TAXIWAY WITH 2 CROSSOVER LINKS, 29 REVETTED CONCRETE HARDSTANDS, AN ALERT APRON AT EACH END. OF RUNWAY, 2 PARKING APRONS, ONE FIRING-IN BUTT, GCA. ILS, 2 HANGARS, 2 POL STORAGE AREAS WITH 23 BURIED TANKS, AND 2 SECURED EXPLOSIVES STORAGE AREAS WITH 2 REVETTED AND 2 UNREVETTED BUILDINGS. AN ADMINISTRATIVE AND HOUSING AREA OBSERVED JUST SE OF RUNWAY. DEFENSES INCLUDE ONE UNOCCUPIED 6-GUN AAA SITE AT SSW END OF RUNWAY. AIRCRAFT 37 FARMER, 2 FAGOI/FRESCO, AND 2 UNIDENTIFIED AIRCRAFT. COMOR TARGET NO AN-TUNG AIRFIELD AIRCRAFT DNE BEAGLE, 60 FAGOT/FRESCO, 2 PROBABLE FAGOI/FRESCO, ONE CRATE, AND 12 SMALL UNIDENTIFIED SINGLE-ENGINE. COMOR TARGET NO TA-PAO AIRFIELD B.S NM SW OF TA-PAO. APPROXIMATELY 5,500 X 200 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. FACILITIES INCLUDE BARALLEL LOOP TAXIWAY, 2 CR3SSOVER LINKS, 2 PARKING APRONS, 4 ALERT APRONS, 72 REVETTED HARDSTANDS, RAIL-SERVED PARTIALLY BURIED POL STORAGE, SECURED | 4001N 12417E | Ø29Ø | 25X1A | 27-B | |

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| т | Coordinates | WAC - | Target 1 | get Numbers | | |
|---|--------------|---------|----------|-------------|--|--|
| Target | Coordinates | WAC | BE | NPIC | | |
| PROBABLE AMMUNITION STORAGE AREA, AND APPROXIMATELY 30 ASSOCIATED BUILDINGS. AIRCRAFT 18 FAGOT/FRESCO AND ONE UNIDENTIFIED AIRCRAFT. COMOR TARGET NO KUAN-TIEN AIRFIELD WEST APPROXIMATELY 10 NM WSW OF KUAN-TIEN. 6,600 X 200 FT NW/SE CONCRETE RUNWAY, SERVICEABLE, WITH 1,200 FT OVERRUN AT EACH END. FACILITIES INCLUDE PARALLEL LOOP TAXIWAY WITH 2 CROSSOVER LINKS, 2 PARKING APRONS, 2 ALERT APRONS, 46 REVETTED HARDSTANDS, 9 PROBABLE EXPLOSIVES STORAGE BUNKERS, AND 30 SUPPORT BUILDINGS. AN ASSOCIATED HOUSING/SUPPORT AREA ONE NM SW CONTAINS APPROXIMATELY 50 BUILDINGS. NO RADAR FACILITIES OBSERVED. AIRCRAFT NONE OBSERVED. COMOR TARGET NO | 4042N 12436E | Ø2 9Ø · | 25X1A | 42 | | |
| LIAD-YANG AIRFIELD WEST 5 NM WEST OF LIAD-YANG. 7,000 X 260 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE, WITH APPROXIMATELY 600 FT ASPHALT OVERRUN AT EACH END. FACILITIES INCLUDE LOOP TAXIWAY WITH ONE CROSSOVER LINK, ONE ALERT APRON AT EACH END OF RUNWAY, 3 PARKING APRONS, 42 USEABLE PARKING REVETMENTS, ONE HANGAR, 2 POL STORAGE AREAS, 2 REVETTED STORAGE AREAS, AND ILS AND GCA FACILITIES. A LARGE SUPPORT AREA OBSERVED EAST OF RUNWAY. | 4116N 123Ø5E | Ø29Ø · | | 46-B | | |

25X1A

25X1D

| | Target | Coordinates | WAG | WAC Target | |
|----------------|--|--------------|---------------|------------|------|
| | Turger | Coordinates | - "AC | BE | NPIC |
| 25X1A 25X1D | NO ADDITIONAL RADAR FACILITIES OBSERVED. AIRCRAFT 14 FAGOT/FRESCO. COMOR TARGET NO | | | 25X1A | |
| 5X1D | SHEN-YANG AIRFIELD SOUTHWEST SW SECTION OF SHEN-YANG. APPROXIMATELY 3,900 X 140 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE AND BEING CLEARED OF SNOW (MFASURED ONLY ON FULL WIDTH PORTION OF RUNWAY). FACILITIES INCLUDE, PARALLEL LOOP TAXIWAY, PARKING APRON. AND 5 LARGE AND 4 SMALL HANGARS. NO RADAR OBSERVED. AIRCRAFT NONE OBSERVED. | 4146N 12322E | Ø29Ø | | 55-E |
| | SHEN-YANG AIRFIELD SOUTHEAST SE SECTION OF SHEN-YANG AND JUST SOUTH OF SHEN-YANG AIRCRAFT ENGINE PLANT. 6,600 X 240 FT NE/SW CONCRETE RUNWAY, SERVICEABLE AND CLEARED OF SNOW. FACILITIES INCLUDE PARALLEL LOOP TAXIWAY AND IWO CROSSOVER LINKS (CLEARED OF SNOW), AN ALERT APRON AT EACH END OF RUNWAY, 3 PARKING APRONS, 3 HANGARS, AN OPERATIONS BUILDING AND RAIL-SERVED POL STORAGE AREA WITH 6 BUNKERS SE OF RUNWAY. NO RADAR OBSERVED. AIRCRAFT 5 CRAIE, ONE CAB, AND 9 COLT. | 4147N 1233&E | Ø2 9 Ø | | 55-D |
| SX1D | SHEN-YANG AIRFIELD WEST 5.5 NM WEST OF SHEN-YANG. 7.300 X 260 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. | 4149N 12318E | Ø2 9Ø | | 55-₹ |

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| - | Target | Coordinates | WAC | Target | Numbers |
|----------------|--|--------------|------|--------|---------|
| 1 | | Cooldingles | "" | BE | NPIC |
| 25X1A 25X1D | FACILITIES INCLUDE LOOP TAXIWAY WITH 3 CROSSOVER LINKS, 2 ALERT APRONS, 3 PARKING APRONS, 6 AIRCRAFT REVETMENTS, 2 HANGARS, ILS AND GCA, AND A LARGE SUPPORT AREA (JUST SE). NO ADDITIONAL RADAR FACILITIES OBSERVED. AIRCRAFT 22 FAGGI/FRESCO AND 3 UNIDENTIFIED PROBABLE SWEPT-WING. COMOR TARGET NO SHEN-YANG AIRFIELD NORTH 2 NM NORTH DF SHEN-YANG. 8,725 X 170 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE, WITH A PROBABLY SERVICEABLE 500 FT OVERRUN ON THE NNE END. FACILITIES INCLUDE AN IRREGULAR LOOP TAXIWAY ON THE WEST, 2 CROSSOVER LINKS, ONE ALERT APRON, ONE PARKING APRON, 5 HANGARS, ONE OPERATIONS BUILDING, AND ILS AND GCA FACILITIES. NO ADDITIONAL RADAR FACILITIES OBSERVED. THE SHEN-YANG AIRFRAME PLANT 112 AND A LARGE HOUSING/ADMINISTRATION AREA OBSERVED JUST WEST. AIRCRAFT 2 FISHBED, ONE PROBABLE FISHBED, ONE POSSIBLE FISHBED, 12 FARMER, 16 PROBABLE FARMER, ONE SMALL UNIDENTIFIED SWEPT-WING, ONE UNIDENTIFIED STRAIGHT-WING, AND | 4152N 12326E | Ø29Ø | 25X1A | 55−¢ |
| 25X1D | ONE UNIDENTIFIED AIRCRAFT. COMOR TARGET NO KAI-YUAN AIRFIELD 6.5 NM SW OF KAI-YUAN. | 4232N 12358E | Ø29Ø | | 40 |

| 1 | | Coordinates | WAC | | Numbers |
|--------------------------|--|--------------|--------|-------|---------|
| | Target | Coordinates | | BE | NPIC |
| X1D X1A X1D X1D | NO APPARENT CHANGE IN FACILITIES SINCE MISSION NO RADAR FACILITIES OBSERVED. AIRCRAFT 18 FAGOT/FRESCO AND 32 SMALL SINGLE-ENGINE. COMOR TARGET NO KU-SHAN-TZU AIRFIELD 16.5 NM SW OF KU-SHAN-TZU. NO APPARENT CHANGE IN FACILITIES SINCE MISSION NO RADAR FACILITIES OBSERVED. AIRCRAFT 30 PROBABLE FAGOT/FRESCO. COMOR TARGET NO | 4201N 12544E | 0290 | 25X1A | 41 |
| X1D | LIU-HO AIRFIELD ONE NM SSW OF LIU-HO. | 4216N 12542E | Ø29Ø | | 47 |
| X1D X1A (1D | NO APPARENT CHANGE IN FACILITIES SINCE MISSION NO RADAR FACILITIES OBSERVED. AIRCRAFT NONE OBSERVED. COMOR TARGET NO | | | | |
| X1D X1A X1D | TUNG-FENG AIRFIELD ONE NM WEST OF TUNG-FENG. NO APPARENT CHANGE IN FACILITIES SINCE MISSION NO RADAR OBSERVED. AIRCRAFT 30 FAGUT/FRESCO. COMOR TARGET NO | 4239N 12530E | Ø2 \$Ø | | 65 |

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| • | Target | Coordinates | WAC | Target | Numbers |
|----------------|---|-------------|----------|--------|---------|
| | ı aryer | Coordinates | | BE | NPIC |
| 25X1A 25X1D | AN-TUNG-HSIEN AIRFIELD 4 NM NORTH OF AN-TUNG-HSIEN. 6,500 X 200 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. FACILITIES INCLUDE LOOP TAXIWAY WITH 2 CROSSOVER LINKS, 56 REVETTED HARDSTANDS, 5 PARKING APRONS, ONE ALERT APRON, ONE APPARENTLY INACTIVE FIRING-IN BUTT, ONE PROBABLE MAINTENANCE BUILDING OR HANGAR, AND APPROXIMATELY 20 MISCELLANEOUS SUPPORT BUILDINGS. A SMALL SUPPORT AREA JUST EAST OF THE SOUTH END OF THE RUNWAY CONTAINS APPROXIMATELY 15 BUILDINGS AND APPROXIMATELY 30 UNIDENTIFIED VEHICLES. AIRCRAFT NONE OBSERVED. COMOR TARGET NO. | 3956N 124 | Ø8E Ø38Ø | 25X1A | 3 |
| 25X1D 25X1A | YEN-TAI AIRFIELD SOUTH 8 NM SOUTH OF YEN-TAI. NO APPARENT CHANGE IN FACILITIES SINCE MISSION IN CLOUD-FREE AREAS. ONLY NE AND SW END OF RUNWAY OBSERVED. NO RADAR FACILITIES OBSERVED. AIRCRAFT 3 SMALL PROBABLE SWEPT-WING AND ONE LIGHT STRAIGHT-WING. COMOR TARGET NO | 3724N 121 | 21E Ø381 | | 8Ø-A |
| 25X1D 25X1D | WEN-TENG AIRFIELD 8 NM EAST OF WEN-TENG. NO APPARENT CHANGE IN FACILITIES SINCE MISSION NO RADAR FACILITIES OBSERVED. | 3711N 122 | 13E Ø381 | gar | 77 |

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| | Target | Coordinates | | WAC | | Numbers |
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| | Talge | - | | "" | BE | NPIC |
| X1A X1D | AIRCRAFT NONE OBSERVED. COMOR TARGET NO | | | | 25X1A | |
| (1D 1D | TU-GHENG-TZU AIRFIELD JUST SW OF TU-GHENG-TZU. NO APPARENT CHANGE SINCE MISSION EXCEPT 4 ADDITIONAL POSSIBLE AAA GUNS OSSERVED IN THE PREVIOUSLY REPORTED OCCUPIED 4-GUN AAA SITE 0.5 NM SE OF THE | 3854N | 12115E | 0381 | 25% TA | 70 |
| <1A (1D | FRIMARY RUNWAY, AND AN UNUCCUPIED 8-GUN AAA SITE ONE NM NORTH UF THE PRIMARY RUNWAY. NO RADAR OBSERVED. AIRCRAFT 24 BEAGLE. ONE CAB. AND ONE COLT. COMOR TARGET NO | | | | | |
| X1D | CHOCHSHOTHTZU AIRFIELD 1.4 NM NW OF CHOUHSHUTHTZU. NO APPARENT CHANGE IN FACILITIES SINCE MISSION | 3858N | 12133E | Ø381 | | 14 |
| K1A K1D | NO RADAR FACILITIES OBSERVED. AIRCRAFT 49 FAGUI/FRESCO. COMOR TARGET NO | | | | | |
| | YING-CHENG-TAU AIRFIELD 9.5 NM NORTH OF YING-CHENG-TAU. 6,600 X 180 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. FACILITIES INCLUDE A PARALLEL LOOP TAXIWAY WITH 2 CROSSOVER LINKS, AN ALERT APRON AT EACH END OF THE RUNWAY, A PARKING APRON. 4 HARDSTANDS, A SECURED POL STORAGE AREA, AND A HOUSING SUPPORT AREA JUST EAST OF THE NE | 39Ø1N | 12123E | Ø381 | | 81 |

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| | Target | Coordinates | WAC | Target | Numbers |
|----------------|---|--------------|------|--------|---------------|
| 1 | 3 | Coordinates | WAL | BE | NPIC |
| 25X1A 25X1D | END OF THE RUNWAY. SIX TRUCKS, 4 POSSIBLE FA PIECES, AND SEVERAL PILES OF MATERIALS ON THE TAXIWAY AND ALERT APRON. NO RADAR OBSERVED. AIRCRAFT NONE OBSERVED. COMOR TARGET NO | | | 25X1A | |
| 25X1A 25X1D | CHIN-HSIEN AIRFIELD SOUTHEAST 1 7 NM SE OF CHIN-HSIEN. 6,300 X 240 FT NNE/SSW PROBABLE LATERITE RUNWAY, PROBABLY SERVICEABLE. FACILITIES INCLUDE PARALLEL TAXIWAY WITH 2 CROSSOVER LINKS. COMPOUND ADJACENT TO PARALLEL TAXIWAY COMPRISES HOUSING AND ADMINISTRATION AREA. SMALL COMMUNICATIONS FACILITY AT NNE END OF RUNWAY CONTAINS 4 POLES IN A RECTANGULAR PATTERN AND ONE SMALL SHED. NO RADAR DISCERNIBLE. AIRCRAFT NONE OBSERVED. COMOR TARGET NO | 3904N 12145E | Ø381 | | 1 <i>0</i> -8 |
| | SAN-SHIH-LI-PAO AIRFIELD 2 NM NW OF SAN-SHIH-LI-PAO. TWO INTERSECTING RUNWAYS. PRIMARY, 5,700 X 190 FT N/S CONCRETE RUNWAY, SERVICEABLE, WITH PARALLEL LOOP TAXIWAY AND ONE CROSSOVER LINK. AN ALERT APRON ON THE NORTH END, A PARKING APRON ON THE SOUTH END, AND 2 PARKING APRONS ALONG PARALLEL TAXIWAY. SECONDARY, 6,300 X 250 FT NW/SE CONCRETE RUNWAY, SERVICEABLE, WITH PARALLEL LOOP TAXIWAY, 2 CROSSOVER LINKS, AND AN ALERT APRON AT EITHER END. | 3917N 12146E | Ø381 | | 55 |

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| | Target | | Coordinates | | | Numbers | |
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| | larget | | rainares | WAC | BE | NPIC | |
| 25X1A 25X1D 25X1A 5X1D | SUPPORT FACILITIES INCLUDE ONE LARGE HANGAR, 9 HALF-MOON DOME-TYPE BUILDINGS WHICH COULD. BE AIRCRAFT SHELTERS, A FIRING-IN BUTT, NUMEROUS PARKING REVETMENTS, AND A SECURED POL STORAGE AREA, HOUSING AND ADMINISTRATIVE AREA WITH APPROXIMATELY 50 BUILDINGS IS LOCATED NE OF RUNWAY INTERSECTION. NO RADAR OBSERVED. AIRCRAFT 14 FAGOT/FRESCO. COMOR TARGET NO HSIN-CHIN AIRFIELD SOUTH 4.8 NM SOUTH OF HSIN-CHIN. 6,230 X 180 FT NNW/SSE CONCRETE RUNWAY, SERVICEABLE. FACILITIES INCLUDE ONE IRREGULAR PARALLEL LOOP TAXIWAY WITH 2 CROSSOVER LINKS AND ONE ALERT APRON AT EACH END OF RUNWAY, AND A PARKING APRON AND POL STORAGE FACILITIES ALONG PARALLEL TAXIWAY. NO RADAR OBSERVED. COMOR TARGET NO | 3919N | 12158E | 0381 | 25X1A | 54-B | |
| 25X1D | FU-HSIEN AIRFIELD 10.3 NM WNW OF FU-HSIEN. NO APPARENT CHANGE IN FACILITIES SINCE MISSION NO RADAR FACILITIES OBSERVED. AIRCRAFT APPROXIMATELY 50 POSSIBLE AIRCRAFT. (OBLIQUITY PRECLUDES DETAILED INTERPRETATION.) | 394ØN | 12146E | Ø381 | V : : : : : : : : : : : : : : : : : : : | 21 | |
| 25X1A 25X1D | INTERPRETATION.) COMOR TARGET NO | | | | | | |

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| | Target | Coordinates | WAC | Target Numbers | |
|----------------|---|--------------|--------|----------------|------|
| 1 | Targer | Coordinates | WAC | BE | NPIC |
| 25X1D 25X1A | HUA-CHIA-TUN AIRFIELD 3 NM ESE OF HUA-CHIA-TUN. NO APPARENT CHANGE IN FACILITIES SINCE MISSION NO RADAR FACILITIES OBSERVED. AIRCRAET 13 FAGOT/FRESCO. COMOR TARGET NO | 3916N 122Ø5E | Ø381 . | 25X1A | 25 |
| 25X1D | HSIN-CHIN AIRFIELD 4 NM NE OF HSIN-CHIN. 8,200 X 200 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. FACILITIES INCLUDE PARALLEL LOOP TAXIWAY TO THE EAST WITH 2 CROSSOVER LINKS, 2 PARKING APRONS, ONE ALERT APRON AT EACH END OF RUNWAY, A LOOP TAXIWAY EAST OF THE PARALLEL TAXIWAY, ADDITIONAL TAXIWAYS TO THE NE AND SE, 61 REVETTED HARDSTANDS, AND 3 HANGARS. A RAIL-SERVED AREA APPROXIMATELY 2 NM EAST OF THE NNE END OF THE RUNWAY CONTAINS 18 REVETTED BUNKERS. ANOTHER AREA APPROXIMATELY 2.5 NM NE OF THE NNE END OF RUNWAY CONTAINS 8 REVETTED BUILDINGS. APPROXIMATELY 65 BARRACKS/ADMINISTRATION-TYPE BUILDINGS OBSERVED 2 NM SE OF THE SSW END OF THE RUNWAY. | 3927N 12201E | Ø381 | | 54-A |
| 25X1A 25X1D | NO RADAR OBSERVED. AIRCRAFT 42 FAGOT/FRESCO, ONE CRATE, AND 3 SMALL STRAIGHT-WING. COMOR TARGET NO | | | | |

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| Toront | Target Coordinates | | WAC | Target Number | | |
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| ILITARY INSTALLATIONS | | | | 25X1A | | |
| ING-KOU-HSIER HQ 39TH ARMY EIGHT MILITARY AREAS CENTERED APPROXIMATELY .2.5 NM SE OF YING-KOU-HSIEN (40-38N 122-32E). | 4037N | 12233E | Ø289 . | | 26-8 | |
| AREA A (42-36N 122-34E) 12 MULTISTORY BARRACKS, 4 PROBABLE ADMINISTRATION, AND 6 SUPPORT BUILDINGS. | | | | | | |
| AREA B (40-36N 122-34E) 16 BARRACKS AND 34 ADMINISTRATION/SUPPORT-TYPE BUILDINGS. | | | | | | |
| AREA C 140-37N 122-33E) 18 BARRACKS, 4 ADMINISTRATION, AND 28 SUPPORT BUILDINGS. TWELVE TRUCKS AND 29 FA PIECES OBSERVED. | | | | | | |
| AREA D 140-37N 122-31E1 8 BARRACKS, 8 STORAGE, 2 MONITOR-ROOF MAINTENANCE, 2 ADMINISTRATION, AND NUMEROUS SUPPORT BUILDINGS. | | | | | | |
| AREA E (40-38N 122-33E) 30 BARRACKS-TYPE AND 25 ADMINISTRATION/SUPPORT BUILDINGS. 13 FA PIECES. AND 2 MOTOR POOLS WITH 53 UNIDENTIFIED VEHICLES. | | | | | | |
| AREA F (40-38N 122-32E) 20 BARRACKS-TYPE AND 25 SUPPORT BUILDINGS. | | | | | | |
| AREA G (40-38N 122-28E) 20 BARRACKS AND 15 SUPPORT BUILDINGS. | | | | | | |
| AREA H (40-38N 122-27E) AT LEAST 18 | | | | | | |

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| ! | . | 6 1: | WAC | Target | Numbers |
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| T . | l arget | Coordinates | WAL | BE | NPIC |
| 25X1D 25X1A | BARRACKS, 20 OTHER BUILDINGS, AND 2 MOTOR POOLS WITH 28 UNIDENTIFIED VEHICLES. NO VEHICLES OR EQUIPMENT OBSERVED IN AREAS A, B, D, F, AND G. COMOR TARGET NO HAI-CHENG AREA, MILITARY INSTALLATIONS SIX SEPARATE INSTALLATIONS WITHIN 6 NM RADIUS | Coordinates | WAC | BE | NPIC |
| 1 | OF HAI-CHENG. AREA A (40-53N 122-45E) 70 BARRACKS-TYPE AND 50 ADMINISTRATION/SUPPORT BUILDINGS. NO VEHICLES OR MILITARY EQUIPMENT OBSERVED. | | | , | , |
| } | AREA B (40-52N 122-44E) 4 LARGE WAREHOUSES, 20 BARRACKS-TYPE, AND 30 ADMINISTRATION/SUPPORT BUILDINGS. TEN UNIDENTIFIED VEHICLES OBSERVED. | | | | |
| 25X1A | AREA C (40-52N 122-45E) (HAI-CHENG ARMY BARRACKS NE, BE 46 BARRACKS-TYPE AND 30 ADMINISTRATION/SUPPORT-TYPE BUILDINGS. TWELVE UNIDENTIFIED VEHICLES OBSERVED. | | | | |
| 25X1A | AREA D (EAST EDGE UF HAI-CHENG AT 40-50N 122-46E) (HAI-CHENG ARMY BARRACKS EAST, BE BARRACKS AREA AND MOTOR POOL CONTAINS 50 BARRACKS (3 MULTISTORIED), 11 PROBABLE BARRACKS, 28 STORAGE BUILDINGS, 20 ADMINISTRATION/SUPPORT BUILDINGS, 6 VEHICLE SHEDS, 20 PROBABLE VEHICLE SHEDS, 3 VEHICLE | | | | |

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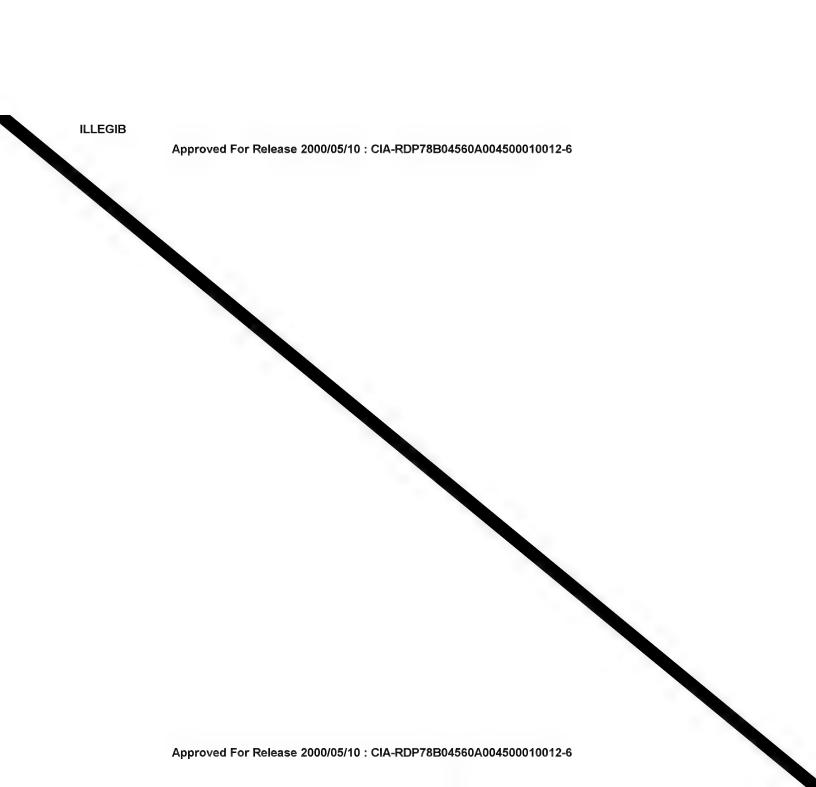
| | Target | Coordinates | WAC | Target | lumbers | |
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| | rarger | Coordinates | WAC | BE | NPIC | |
| 25X1A | MAINTENANCE BUILDINGS. A SUBCALIBER FIRING RANGE. 15 PROBABLE CARGO TRUCKS PARKED IN MOTOR POOL, AND A DRIVER TRAINING AREA IMMEDIATELY EAST OF INSTALLATION. AREA E (2.5 NM SOUTH OF HAI-CHENG AT 40-48N 122-45E) THAI-CHENG ARMY BARRACKS SOUTH, BE BARKACKS AREA CONTAINS 48 BARRACKS, 75 ADMINISTRATION/SUPPORT AND 27 STORAGE BUILDINGS. 6 PROBABLE VEHICLE SHEDS. AND 11 AMMUNITION STORAGE BUILDINGS. NO VEHICLES OR MILITARY EQUIPMENT OBSERVED. AREA F 13 NM SSW OF HAI-CHENG AT 40-48N | | | | | |
| 25X1A | 122-43E) (HAI-CHENG ARMY BARRACKS SW, BE BARRACKS AREA CONTAINS 43 BARKACKS, 36 ADMINISTRATION/SUPPORT, 3Ø STORAGE, AND 8 AMMUNITION STORAGE BUILDINGS. SIX PROBABLE VEHICLES OBSERVED. | | | | | |
| 5X1A 5X1D | COMOR TARGET NO | | | 25X1A | | |
| | AN-TUNG ARMY BARRACKS SHIH-YING-CHIEH SW EDGE OF AN-TUNG. POSSIBLE MILITARY INSTALLATION CONTAINS APPROXIMATELY 125 BARRACKS, 10 ADMINISTRATION BUILDINGS, NUMEROUS SMALL SUPPORT BUILDINGS, AND 2 VEHICLE MAINTENANCE AREAS.CONTAINING 23 | 4004N 12417E | Ø29Ø | | 27-L | |
| 5X1D | AN-TUNG ARMY BKS SHIH-YING-CHIEH SOUTHWEST SW EDGE OF AN-TUNG. TWO SMALL ASSOCIATED BARRACKS AREAS CONTAIN | 4004N 12417E | Ø29Ø | | 27-L1 | |

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| Target | Coordinates | | WAC | Target Numbers | | |
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| | 00010111 | | | BE | NPIC | |
| 25 BARRACKS-TYPE, 2 ADMINISTRATION, 2 MESSHALL, AND APPROXIMATELY 30 MISCELLANEOUS BUILDINGS AND SHEDS. JUST SOUTH AN ASSOCIATED STORAGE AREA CONTAINS 15 STORAGE, 3 SMALL DISPERSED POSSIBLE AMMUNITION STORAGE, AND NUMEROUS SUPPORT BUILDINGS AND SHEDS. FOUR POSSIBLE FA PIECES OBSERVED. (PREVIGUSLY REPORTED UNDER NPIC TARGET 0290-27-L). AN-TUNG ARMY BARRACKS NORTH 4 NM NORTH OF AN-TUNG. BARRACKS AREA CONSISTS OF 3 SEPARATE AREAS. AREA A ROAD- AND RAIL-SERVED BARRACKS AREA CONTAINS 48 BARRACKS-TYPE, 4 ADMINISTRATION-TYPE (ONE H-SHAPED AND 3 C-SHAPED), ONE AUDITORIUM/GYMNASIUM, 50 SUPPORT, AND 13 STORAGE-TYPE BUILDINGS. AREA B (IMMEDIATELY WEST OF AREA A) 2 SMALL BARRACKS SUBAREAS CONTAIN 15 BARRACKS-TYPE, ONE ADMINISTRATION-TYPE, AND 6 STORAGE/SUPPORT BUILDINGS. AREA C (0.7 NM NW OF AREA A) SMALL AMMUNITION STORAGE AREA CONTAINS 2 REVETTED | 4011N | 12421E | Ø29Ø | 25X1A | 27-1 | |
| AN-TUNG ARMY BARRACKS NORTHEAST 5.5 NM NNE DF AN-TUNG. | 4012N 1 | 12427E | 0290 | | 27-н | |

25X1D



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Target Numbers Coordinates WAC Target 25X1D KUAN-TIEN ARMY BARRACKS AREAS 4043N 12447E 0290 42-A THREE MILITARY AREAS IN VICINITY OF KUAN-TIEN (REFERENCED FROM KUAN-TIEN). AREA A (0.5 NM NORTH) (KUAN-TIEN ARMY BARRACKS, BE NO -- APPROXIMATELY. 60 BARRACKS, 8 PROBABLE ADMINISTRATION AND APPROXIMATELY 100 STORAGE/SUPPORT BUILDINGS, 4 PROBABLE MESSHALLS, AND MOTOR POOL AREA CONTAINING 15 BUILDINGS AND 17 IRUCKS. ELEVEN OTHER TRUCKS OBSERVED. AREA B (ONE NM EAST) (KUAN-TIEN ARMY BARRACKS -- 37 BARRACKS, 3 EAST, BE NO PROBABLE ADMINISTRATION, AND APPROXIMATELY 90 STORAGE/SUPPORT BUILDINGS. A SMALL SUPPORT AREA ON THE NORTH EDGE CONTAINS 20 SUPPORT BUILDINGS. AREA C (3 NM SSE) (KUAN-TIEN ARMY BARRACKS AND STORAGE SOUTH, BE NO 31 PROBABLE BARRACKS. 4 PROBABLE ADMINISTRATION, 2 PROBABLE MESSHALL, AND 30 PROBABLE STORAGE/SUPPORT BUILDINGS. A MOTOR POOL AREA CONTAINS 12 BUILDINGS, 37 VEHICLES, AND 31 POSSIBLE FA PIECES. 25X1A LIAD-YANG ARMY BARRACKS SOUTHWEST 4114N 123Ø8E 0290 46-D SOUTHWEST EDGE OF LIAO-YANG. AREA A (NORTHEASTERNMOST AREA) -- SECURED AREA CONTAINS 12 BARRACKS (9 T-SHAPED), ONE

25X1A

25X1A

25X1A

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| ADMINISTRATION BUILDING, ONE HEATING PLANT WITH 2 TALL STACKS, ONE MESSHALL, 6 VEHICLE SHEDS, AND AT LEAST 20 SMALL ASSOCIATED BUILDINGS. A DRILL FIELD DIRECTLY SE OF AREA CONTAINS 8 PIECES OF UNIDENTIFIED EQUIPMENT. AREA B (ADJACENT TO AND SW OF AREA A) PARTIALLY SECURED AREA CONTAINS 4 U-SHAPED BARRACKS, ONE ADMINISTRATION BUILDING, 2 | | | | | |
| MESSHALLS, 7 STORAGE BUILDINGS, 10 SUPPORT BUILDINGS, 3 LIVESTOCK SHEDS, AND 3 OBSERVATION TOWERS. | | | | | |
| AREA C (APPROXIMATELY 600 FT SE OF AREA A) — PARTIALLY SECURED AREA CONTAINS 15 BARRACKS 19 T-SHAPED), ONE ADMINISTRATION BUILDING, 5 VEHICLE SHEDS, ONE HEATING PLANT WITH 2 LARGE STACKS, ONE MESSHALL, 3 LIVESTOCK SHEDS, 2 DRILL FIELDS TO THE SE, AND A SMALL TRAINING AREA TO THE SW CONTAINING ONE H-SHAPED BARRACKS, ONE L-SHAPED BARRACKS, ONE STORAGE BUILDING, ONE MESSHALL, 10 SMALL SUPPORT BUILDINGS AND 3 OBSERVATION TOWERS. MINOR TRACK ACTIVITY OESERVED IN SNOW. | | | | | |
| COMOR TARGET NO | | | 25X1A | | |
| LIAO-YANG SUBARSENAL SHEN-YANG 90TH 4 NM EAST OF LIAO-YANG. ARSENAL COVERS 6 SO MI AND COMPRISES 7 MAJOR COMPONENTS. | 4117N 12315E | 0290 | | 46-C | |
| AREA A 13 NM EAST OF LIAD-YANG) PRODUCTION, PROCESSING, MANUFACTURING AND | | | | | |

25X1A 25X1D

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| Target | Coordinates | THAC | BE | NPI |
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| | | | | |
| SHELL TESTING SUBAREAS. THE CHEMICAL | | | | |
| PROCESSING SUBAREA CONTAINS 10 LARGE AND | | | | |
| SEVERAL SMALL PRODUCTION BUILDINGS, 7 LARGE | | | | |
| AND SEVERAL SMALL STORAGE TANKS, AND 5 | | | | |
| BOILERHOUSES. EXPLOSIVES PROCESSING SUBAREA | | | | |
| CONTAINS ONE LARGE AND 2 SMALL REVETTED | | | | |
| PROCESSING BUILDINGS, 2 LARGE UNREVETTED | | 1 | | |
| PROCESSING BUILDINGS, 3 BOILERHOUSES, | | | | |
| 4 REVETTED STORAGE BUILDINGS, AND.A | | | | |
| RAIL-SERVED STORAGE BUILDING. | | | | |
| THE MANUFACTURING SUBAREA CONTAINS 3 LARGE | | 1 | | |
| MONITOR-ROOF BUILDINGS, NUMEROUS UTILITY. | | | | |
| BUILDINGS, A BOILERHOUSE, AN OPEN STORAGE | | | | |
| AREA, A RAILROAD LOADING FACILITY, AN | • | | | |
| ADMINISTRATION AREA, AND SMALL MINING AREA. | | | | |
| THE SHELL TESTING SUBAREA CONTAINS 2 OLD FIRING RANGES AND A NEW FIRING RANGE. A | | 1 | | |
| SMALL SHELL STORAGE AREA, AND A CHECK-OUT | | | , | |
| AND OBSERVATION BUILDING. | | | | |
| AND DOCKYATION BOLEDING. | | | | |
| AREA 8 (ONE NM NE OF AREA A) RAIL- | | | | |
| SERVED AND SECURED EXPLOSIVES AND MUNITIONS | | | | |
| PROCESSING AND STORAGE AREA CONTAINS 7 | | i i | | |
| BOILERHOUSES, A HEATING AND POWER PLANT, | | | | |
| NUMEROUS REVETTED STORAGE BUILDINGS, A SHELL | | | | |
| LOADING SECTION WITH 7 REVETTED BUILDINGS, AND | | | | |
| A PROCESSING SECTION WITH 4 REVETTED EARTH- | | | | |
| COVERED BUNKERS AND ONE LARGE UNOCCUPIED | | | | |
| REVETMENT. | | | | |
| AREA C (ONE NM SE OF AREA A) | | | | |
| SMALL ROAD-SERVED SECURED PROCESSING | | | | |
| FACILITY CONTAINS 2 REVETTED AND 4 UNREVETTED | | | | |
| PROCESSING BUILDINGS. A BOILERHOUSE. AN | | | | |
| ADMINISTRATION SECTION, AND SEVERAL SUPPORT | | | | |
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| | T | C- | ordinates | WAC | Target | Numbers |
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| | Target | Coc | ordinates | WAC | BE | NPIC |
| | BUILDINGS. | | | | | |
| 25X1D | AREA D (JUST NW OF AREA A) RAIL- SERVED DOUBLE SECURED STORAGE AREA CONTAINS 15 REVETTED STORAGE BUILDINGS, 2 EARTH-GOVERED BUNKERS | | | | | |
| | AREA E (1.5 NM EAST OF AREA A) RAIL- SERVED SECURED STORAGE AREA CONTAINS 17 REVETTED STORAGE BUILDINGS, ONE EARTH- COVERED BUNKER, ONE H-SHAPED BUILDING, AND 4 SUPPORT BUILDINGS. | | | | | |
| | AREA F (1.2 NM NORTH OF AREA A) HOUSING AND ADMINISTRATION AREA CONTAINS 15 LARGE AND 165 SMALL HOUSING BUILDINGS, A HOSPITAL, 2 BOILERHOUSES, AND NUMEROUS STORAGE AND SUPPORT BUILDINGS. | | | | | |
| 25X1A 25X1D | AREA G (ADJACENT TO SE SECTION OF AREA A) HOUSING AND ADMINISTRATION AREA CONTAINS 125 HOUSING BUILDINGS, 3Ø ADMINISTRATION BUILDINGS, AND SEVERAL SUPPORT AND STORAGE BUILDINGS AND BOILERHOUSES. COMOR TARGET NO | | | | 25X1A | |
| | PEN-CHI AMMO DEPOT PIEN-NIU-LU-PU SW 6 NM SSW OF PIEN-NIU-LU-PU. ROAD-SERVED SECURED STORAGE AREA CONTAINS 21 REVETTED BUILDINGS, 9 BARRACKS, AND ONE MESSHALL. | 4124N | 12339E | Ø29Ø | 20/(1)/(| 112-8 |
| 25X1D | TIEN-NIU-PAO-TZU BARRACKS IMMEDIATELY NORTH OF PIEN-NIU-LU-PU. | 4130N | 12341E | Ø29Ø | | 112 |

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| Coordinates | Target Coordinates WAC | BE | NPIC |
| 4132N 12337E | AREA) 8 BARRACKS, IION BUILDINGS (ONE U-SHAPED), EHICLE SHEDS WITH A VEHICLE SUPPORT BUILDINGS. VEHICLE PARK ROXIMATELY 70 PIECES OF EQUIPMENT/VEHICLES. EAST OF AREA A) 10 BARRACKS, RATION BUILDING, AND 4 SUPPORT HICLE SHEDS. JN AREA, MILITARY INSTALLATION - YAO-CHIEN-HU-TUN. CONTAINS 28 BARRACKS, ONE E- ISTRATION BUILDING, 2 VEHICLE SHEDS WITH ASSOCIATED DO 24 STORAGE/SUPPORT BUILDINGS, GROUND AND FIRING RANGE. SIXTEEN VEHICLES OBSERVED IN VEHICLE | | 112-A |
| 4144N 12329E | DEPOTS ON SE EDGE OF SHEN-YANG. DGE OF SHEN-YANG) MAIN DEPOT LEAST 70 LARGE WAREHOUSE BUILDINGS STRUCTION), EXTENSIVE OPEN A PERSONNEL/ADMINISTRATIVE AREA AT LEAST 150 BUILDINGS. | | 55 - T |
| | STRUCTION) • EXTENSIVE OPEN A PERSONNEL/ADMINISTRATIVE AREA | | |

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| | Target | Coor | ainates | , WAC | BE | NPIC | | |
| | NUMEROUS PILES OF AGRICULTURAL STORAGE, 13 BARRACKS, ONE MESSHALL, ONE HEATING PLANT, AND NUMEROUS SUPPORT BUILDINGS. | | | | | | | |
| | AREA C IJUST WEST OF AREA B) 20 RAIL-SERVED STORAGE BUILDINGS, LARGE OPEN STORAGE AREA, 2 BARRACKS, ONE MULTIWINGED ADMINISTRATION BUILDING, AND SEVERAL SUPPORT BUILDINGS. | | | | | | | |
| 25X1D | AREA O (JUST SOUTH OF AREA C) 8 STURAGE BUILDINGS, OPEN STORAGE AREA, ONE ADMINISTRATION BUILDING, 12 BARRACKS, AND NUMEROUS SUPPURTYSTORAGE BUILDINGS. | | | | | | | |
| 25X1D | HSIN-TAI-TZU, MILITARY STORAGE AREA ON NE EDGE OF HSIN-TAI-TZU. ROAD- AND RAIL-SERVED SECURED AREA CONTAINS 43 LARGE AND 8 SMALL WAREHOUSE-TYPE BUILDINGS AND 15 BARRACKS-TYPE BUILDINGS. | 4208N | 12336E | Ø29Ø | 25X1A | 55-0 | | |
| 25X1D 25X1D 25X1D 25X1D | TIEH-LING AMMUNITION DEPOT SOUTHWEST 2 8 NM SW OF TIEH-LING. RAIL- AND ROAD-SERVED SECURED AREA CONTAINS 42 ROAD-SERVED REVETTED STORAGE BUILDINGS. A SMALL RAIL YARD WITH LOADING FACILITIES, AND A SUPPORT AREA CONTAINING 7 BUILDINGS AND APPROXIMATELY 15 VEHICLES IMMEDIATELY EAST OF SECURED AREA. | 421ØN | 12347E | Ø29Ø | | 55-J | | |
| | PEI-SHAN-CHENG-CHEN ARMY BARRACKS 3 NM WEST OF PEI-SHAN-CHENG-CHEN. | 4221N | 12521E | 0290 | | 5Ø-A | | |

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| RAIL-SERVED AREA CONTAINS APPROXIMATELY 500 BARRACKS, SUPPORT, STORAGE, AND ADMINISTRATION-TYPE BUILDINGS. CONSTRUCTION ACTIVITY OBSERVED. HAI-LUNG ARMY BARRACKS AREAS WEST OF HAI-LUNG (REFERENCED FROM HAI-LUNG). AREA A (1.5 NM WEST, ON NW SIDE OF RAIL LINE) ROAD- AND RAIL-SERVED, PARTIALLY SECURED AREA CONTAINS 240 PROBABLE BARRACKS. 180 SUPPORT, 14 ADMINISTRATION, 50 STORAGE, AND SEVERAL ASSOCIATED BUILDINGS SITUATED AROUND A LARGE RECTANGULAR FIELD WITH AN ABANDONED 4-GUN AAA SITE IN CENTER, AND A POSSIBLE SMALL ARMS RANGE. | 4239N 12549E | Ø29Ø | 25X1A | 37-A | | |
| AREA B (ONE NM WSW, ON SE SIDE OF RAIL LINE) ROAD-SERVED SECURED AREA CONTAINS 18 BARRACKS, ONE MESSHALL, 2 PROBABLE ADMINISTRATION, 9 SMALL PROBABLE OFFICERS QUARTERS-TYPE, AND 9 SMALL ASSOCIATED BUILDINGS. AREA C (3.5 NM WEST) 3 SECURED ROAD-SERVED AREAS CONTAIN 9 PROBABLE BARRACKS, A SMALL HEATING PLANT, 7 ADMINISTRATION BUILDINGS, ONE THEATRE/GYM, ONE MESSHALL, 31 STORAGE BUILDINGS, ONE SUPPORT BUILDING, 10 PROBABLE VEHICLE SHEDS, 2 MAINTENANCE/SUPPORT BUILDINGS, AND A LARGE TRAINING AREA (NW SIDE OF HAI-LUNG). | | | | | | |

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25X1D

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Target Numbers WAC Coordinates Target NPIC BF 25X1A 3959N 12414E Ø38Ø 73 YUNG-AN-PEI-TUN ARMY BARRACKS NNE 2.2 NM NE OF YUNG-AN-PEI-TUN. THREE SMALL ASSOCIATED AREAS CONSIST OF 2 BARRACKS AREAS AND A VEHICLE STORAGE AND MAINTENANCE AREA WITH A TOTAL OF 11 BARRACKS-TYPE, 3 AUMINISTRATION, ONE MESSHALL, 4 PROBABLE VEHICLE STORAGE. 2 VEHICLE MAINTENANCE, 6 STORAGE, AND APPROXIMATELY 25 MISCELLANEOUS SUPPORT BUILDINGS, AND VEHICLE SERVICING PITS. 3711N 12204E Ø381 77-A WEN-TENG, MILITARY AREAS ON THE SE EDGE OF WEN-TENG. AREA A (ON THE SE EDGE OF WEN-TENG) --SECURED AREA CONTAINS 32 BARRACKS. 2 LARGE MULTIWING AND 4 SMALLER ADMINISTRATION, 12 STORAGE, AND 13 SUPPORT BUILDINGS. AREA B (0.4 NM EAST OF AREA A) -- SECURED AREA CONTAINS A LARGE PROBABLE HOSPITAL, 15 BARRACKS, AND 12 SUPPORT BUILDINGS. AREA C (0.8 NM SSW OF AREA A) -- SECURED AREA CONTAINS 10 BARRACKS, ONE ADMINISTRATION, 6 STORAGE, AND 5 SUPPORT BUILDINGS. 25X1A 373ØN 1221ØE Ø381 74-A WEI-HAI NAVAL BASE 2 NM EAST OF WEI-HAI ON LIU-KUNG TAO (ISLAND). NO APPARENT CHANGE IN FACILITIES SINCE MISSION VESSELS -- APPROXIMATELY 10 PC/PT ON BUILDING

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| | Target | Coordinates | WAC | BE | NPIC |
| 25X1A 25X1D | WAYS. COMOR TARGET NO | | | | , |
| 25X1D | NAN-CHENG-HUANG TAB, MILITARY ACTIVITY 33 NM NNE OF PENG-LAI ON NAN-CHENG-HUANG TAO (ISLAND) IN PO HAI (GULF). FOURTEEN PIECES OF PROBABLE CANVAS-COVERED ARTILLERY OBSERVED. | 3821N 12Ø54E | Ø381 | | 108 |
| 25X1D | PEI-CHENG-HUANG TAO, GUN EMPLACEMENT 36.NM NNE OF PENG-LAI ON PEI-CHENG-HUANG TAO (ISLAND) IN THE PD HAI (GULF). ONE OCCUPIED AND 3 UNOCCUPIED 4-GUN CD SITES AND 19 PIECES OF PROBABLE CANVAS- COVERED ARTILLERY OBSERVED. | 3823N 12Ø54E | Ø381 | 25X1A | 109 |
| 25X1A | LU-SHUN-KOU SUBMARINE BASE ONE NM SSW OF LU-SHUN-KOU ON SOUTH SHORE OF HSI CHIANG (HARBOR). BASE CONTAINS 3 PIERS, QUAYED SHORELINE, WHARFAGE, 2 POL TANKS PARTIALLY UNDERGROUND, 8 BARRACKS, A MESSHALL, A MOTOR POOL, AND NUMEROUS STORAGE BUILDINGS. VESSELS 4 W-CLASS SS. | 3847N 12114E | Ø381 | | 53-0 |
| 25X1D | LU-SHUN-KOU HQ 64TH ARMY 2 NM WSW OF LU-SHUN-KOU. BARRACKS AREA CONTAINS 6 LARGE MULTISTORY MULTIWING ADMINISTRATION BUILDINGS, APPROXIMATELY 15 SMALLER ADMINISTRATION | 3848N 12113E | Ø381 | | 53-K |

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| BUILDINGS. APPROXIMATELY 15 LARGE MULTISTORY BARBACKS. AND NUMEROUS DEPENDENTS HOUSING AND SUPPORT BUILDINGS. FIFTEEN 122/152 MM HOWITZERS. 27 POSSIBLE 76 MM DIVISIONAL GUNS 12IS-3), 26 TRACKED PRIME MOVERS. 200 35 CORGO FAURYS GBSERVED. | | | | | |
| | 3848N 12:207 | 0381 | | 53-н | |
| AREA A (UTM UCCSITUD) 8-GUN MEDIUM AAA SITE, 5 POSITIONS OCCUPIED. | | | | | |
| AREA & CATH JOA679251 4-GUN OCCUMIED COASTAL DEFENSE SITE. | | | | | |
| AREA O (UIM UCAS9915) 4-QUA OCCUPIES COASTAU DEFENSE SITE. | | | | | |
| AREA D (UTM UCASS):1) 4-00% OCC PIED LIGHT AAS SIFE. | | | | | |
| AREA E (UTM UC3868(3) 4-601\ POSSIBLY OCCUPIED / DASTAL DEFENSE SITE. | | | | | |
| AREA F (UTM UC386879) M-GUN OCCUPIED LIGHT AAA STIE. | | | | | |
| AREA G (UTM UD542897) PREVIOUSLY OCCUPIED EQUIPMENT PARK APPEARS INACTIVE. | | | | | |
| AREA H (UTM UC559988) 4-GUN OCCUPIED MEDIUM AAA SITE. | | | | | |

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| 25X1D 25X1D 25X1D 25X1D | AREA I (UTM UC428876) 4-GUN POSSIBLY OCCUPIED COASTAL DEFENSE SITE. AREA J (UTM UC467935) 8-GUN UNOCCUPIED AAA SITE. AREA K (UTM UC493944) 7-GUN MEDIUM AAA SITE IN COASTAL DEFENSE SITE. AREA L (UTM UC499947) 4-GUN CCCUPIED CUASTAL DEFENSE SITE. AREA M (UTM UC499947) 8-GUN MEDIUM AAA SITE, 4 POSITIONS OCCUPIED. AREA N (UTM UC499964) 4-GUN CCCUPIED LIGHT AAA SITE. LU-SHUN-KOU NAVAL BASE AND SHIPYARD SOUTH EDGE OF LU-SHUN-KOU. NO APPARENT CHANGE IN FACILITIES SINCE MISSION VESSELS 2 W-CLASS SS, ONE PROBABLE S-1- CLASS SS APPARENTLY BEING OVERHAULED, ONE OSA-CLASS PTFG (UNMODIFIED), ONE KOMAR-CLASS PTG IN WATER ALONGSIDE QUAY, 6 P-6-CLASS PT ALONGSIDE GUAY, 3 P-6-CLASS PT IN SMALL GRAVING DOCK, 16 P-4-CLASS PT IN SMALL GRAVING DOCK, 16 P-4-CLASS PT (10 DN CRADLES ALONG QUAY), ONE UNIDENTIFIED POSSIBLE SC HULL UNDER CONSTRUCTION 1-43-CLASS MSF, ONE LSM, 2 KRONSHTADT-CLASS | 3848N 12116E | Ø381 | 25X1A | 53-E |
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| | Target | Coor | dinates | WAC | Target Numbers | |
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| | | | | """ | BE | NPIC |
| 25X1D 25X1D 25X1D | PC, 3 PF, AND NUMEROUS SMALL CRAFT. LU-TA ARMY SUPPLY DEPOTS CHOU-SHUI-TZU 4 NM NW OF LU-TA. NO APPARENT CHANGE IN FACILITIES SINCE MISSION TWELVE CARGO TRUCKS AND NUMEROUS UNIDENTIFIED ITEMS IN OPEN STORAGE OBSERVED. | 3857N | 12 132 E | Ø381 | 25X1A | 18-F |
| 25X1D | YING-CHENG-TZU AREA, MILITARY TRAINING AREA ADJACENT TO YING-CHENG-TZU AIRFIELD. EIGHT SQ MI AREA CONTAINS EXTENSIVE TRACK ACTIVITY, 2 MOVING-TARGET RANGES, AND DRIVER TRAINING AREA. TAXIWAY AND APRONS AT YING-CHENG-TZU AIRFIELD BEING UTILIZED AS PARKING AREAS FUR MILITARY EQUIPMENT. FOUR POSSIBLE FAPIECES AND SEVERAL PILES OF MATERIAL ON TAXIWAY AND ALERT APRON. A SUPPLY AREA AT 38-59N 121-23E CONTAINS APPROXIMATELY 25 BUILDINGS, 23 FA PIECES, 29 LARGE CARGO TRUCKS, AND 4 POSSIBLE TRACKED PRIME MOVERS. | 3901N | 12121E | Ø381 | | 81-A |
| 25X1D 25X1D | LU-TA AREA, MOTOR POOL 8 NM.WEST OF LU-TA. NO APPARENT CHANGE IN FACILITIES SINCE MISSION TWENTY-NINE FA PIECES, 3 AAA PIECES, AND 7 CARGO TRUCKS OBSERVED. | 39Ø1N | 12130E | Ø381 | | 18-G |
| | CHIN-HSIEN, MILITARY COMPLEX 3.2 NM SSW OF CHIN-HSIEN. | 39Ø3N | 12142E | Ø381 | | 10-1 |

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| PARTIALLY SECURED MILITARY CAMP CONTAINS 3 BARRACKS-TYPE, 3 VEHICLE STORAGE AND MAINTENANCE, AND APPROXIMATELY 3Ø SUPPORT BUILDINGS, A STATIONARY FIRING POINT SUB-CALIBER RANGE, AND A LARGE TRACKED-VEHICLE DRIVER TRAINING AREA. THIRTEEN TANKS/SP GUNS AND 3 PROBABLE TANKS/ SP GUNS OBSERVED. CHIN-HSIEN AMMUNITION DEPOT LO-TENG-TUNG APPROXIMATELY 2 NM NE OF CHIN-HSIEN. DEPOT CONTAINS 3 LARGE, ONE MEDIUM, AND 5 SMALL DISPERSED EXPLOSIVES STORAGE | 3907N 12146E | Ø381 | 25X1A | 10-0 | |
| BUILDINGS AND SEVERAL SMALLER ASSOCIATED SUPPORT STRUCTURES. CHANG-CHIA-TUN HQ 191ST INF DIV LARGE MILITARY INSTALLATION COVERS APPROXIMATELY ONE SQ MI CENTERED 2.8 NM | 39Ø8N 12141E | 0381 | general attention of the second | 10-11 | |
| NNW OF CHIN-HSIEN. INSTALLATION CONTAINS 2 BARRACKS AREAS (CHANG-CHIA-TUN ARMY BARRACKS, BE NO , A MOTOR POOL, 3 LARGE EQUIPMENT PARKS, ONE STATIONARY FIRING POINT SUB- CALIBER RANGE, A SECURED AMMUNITION STORAGE AREA, A LARGE DRIVER TRAINING AREA, A MOVING- TARGET FIRING RANGE, AND AN ATHLETIC FIELD. BUILDINGS INCLUDE ONE MULTISTORY MULTISECTIONAL BARRACKS WITH 15 INTERCONNECTED BUILDINGS, 5 OTHER BARRACKS- TYPE BUILDINGS, 5 VEHICLE SHEDS, ONE VEHICLE MAINTENANCE BUILDING, 4 SMALL SECURED AMMUNITION STORAGE BUILDINGS, AND | | | | | |

25X1D

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| APPROXIMATELY SØ SUPPORT BUILDINGS. SIX CANVAS-COVERED TANKS/SP GUNS. 4 PROBABLE | Coordinates | ## | BE | NPIC |
| | | | | |
| LIANG-CHIA-TIEN AREA, DRIVER TRAINING AREA 11 NM NE OF LIANG-CHIA-TIEN. TRACKED-VEHICLE DALVER TRAINING AREA WITH 8 ASSOCIATED BUILDINGS ON EAST SIDE. THREE PROBABLE ASSAULT GUNS OBSERVED WEST OF BUILDINGS. COMOR TARGET NO | 3912N 12155E | Ø381 | | 10-F |
| SU-CHIA-TUN, MILITARY INSTALLATIONS TWO MILITARY AREAS IN SU-CHIA-TUN. | 3915N 12147E | Ø381 | | 55-A |
| AREA A ION THE WEST EDGE) PARTIALLY SECURED RECTANGULAR AREA CONTAINS 4 BARRACKS, ONE ADMINISTRATION BUILDING, 2 VEHICLE SHEOS, ONE MAINTENANCE BUILDING, APPROXIMATELY 5 MISCELLANEOUS SUPPORT BUILDINGS, AND A MOTOR POOL CONTAINING 7 PROBABLE TRACKED PRIME MOVERS, 4 TRUCKS, AND ONE FA PIECE. | | | | |
| AREA B (ON THE SOUTH EDGE) PARTIALLY SECURED AREA CONTAINS 11 SMALL BARRACKS-TYPE BUILDINGS, ONE LONG PROBABLE VEHICLE SHED, ONE QUONSET-ROOF MAINTENANCE BUILDING, APPROXIMATELY 10 MISCELLANEOUS SUPPORT BUILDINGS, AND A MOTOR POOL CONTAINING 3 PROBABLE TRACKED PRIME MOVERS, 22 TRUCKS, AND | | | | |

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| 2 FA PIECES. THE 2 ADDITIONAL AREAS REPORTED ON MISSION DO NOT APPEAR ASSOCIATED WITH EITHER OF THE MILITARY AREAS. | | | | |
| HSIN-CHIN ARMY BARRACKS ONE NM SE OF HSIN-CHIN. NO APPARENT CHANGE IN FACILITIES SINCE MISSION MOTOR POOL CONTAINS APPROXIMATELY 35 UNIDENTIFIED VEHICLES AND 10 PROBABLE FA PIECES. | 3923N 12158E | Ø381 | 25X1A | 54 - C |
| HSIN-CHIN AREA, MOTOR POOL 8 NM SSE OF HSIN-CHIN ON NE EDGE OF KAO-CHIA-TUN. PARTIALLY SECURED AREA CONTAINS A VEHICLE PARK, 2 VEHICLE MAINTENANCE, 5 STORAGE, 15 SMALL SUPPORT, ONE LARGE MULTISTORY ADMINISTRATION, 6 BARRACKS-TYPE, AND 3 L-SHAPED BUILDINGS. FORTY-FIVE UNIDENTIFIED VEHICLES AND 20 PROBABLE FA PIECES OBSERVED. | 3917N 122Ø2E | Ø381 | | 54-D |
| MO-YEH TAO, RADAR SITES THREE RADAR SITES ON MO-YEH TAO (ISLAND). SITE A (36-54-40N 122-31-20E) (MO-YEH TAO RADAR SITE, BE NO | 3654N 12231E | Ø381 | | 142 |

25X1D

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| | RADAR WITH 2 ASSOCIATED BUILDINGS. | | | | | |
| | SITE B (0.3 NM SE OF SITE A) SCR-270 RADAR WITH ONE ASSOCIATED BUILDING. | | | | | |
| 25X1D | SITE C 10.6 NM SOUTH OF SITE A) PROBABLE ROCK CAKE RADAR WITH 2 ASSOCIATED BUILDINGS. | | | | | |
| 25X1D | LU-TA. RADIO STATION 7 NM SW OF LU-TA. SITE CONTAINS 9 MAST ANTENNAS AND A SUPPORT AREA WITH 9 BUILDINGS. | 385ØN | 12131E | Ø381 | | 18-Q |
| 25X1D | LU-TA AREA, RADAR SITE 6 NM WSW OF LU-TA. RADAR SITE COMPRISES ONE TOKEN-TYPE RADAR AND 7 SMALL SUPPORT ACTIDINGS ON TOP OF HILL AND 5 SMALL SUPPORT BUILDINGS ON ROAD LEADING TO SITE. | 3853N | 12128E | Ø381 | | 18-E |
| | INDUSTRY | | | | | |
| 05745 | AN-SHAN IRON & STEEL PLANT IN AN-SHAN COMPLEX. NO APPARENT CHANGE IN FACILITIES SINCE MISSION | 41Ø8N | 12259E | Ø289 | 25X1A | 1-C |
| 25X1D 25X1D | EXCEPT THAT THE PLANT IS APPARENTLY OPERATING AT A MODERATELY HEAVY LEVEL OF ACTIVITY. PLANT AREA PARTIALLY OBSCURED BY SMOKE AND STEAM. | | | | | |
| | AN-SHAN LIGHT MTL ORE CONC PLT 6.1 NM SSE OF AN-SHAN. | 41Ø4N | 123Ø4E | Ø29Ø | # (%) | 142 |

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| A SMALL RAIL-SERVED ORE CONCENTRATION PLANT CONTAINS ONE PROBABLE CRUSHER BUILDING, ONE LARGE PROCESSING BUILDING, ONE PROBABLE ROASTING BUILDING, 9 THICKENERS (6 IN USE, 3 SNOW-FILLED), A TRANSFORMER YARD, A WATER TREATMENT PLANT, AND A CONVEYOR- SERVED STORAGE YARD. A PROBABLE IRON ORE MINING AREA COVERING APPROXIMATELY 2 SQ MI OBSERVED SE. IA-AN-PING, COKE AND IRON WORKS FIVE AREAS WITHIN A 2 NM RADIUS OF TA-AN-PING (REFERENCED FROM TA-AN- PING). AREA A (2 NM NORTH) AN INACTIVE COKE AND COKE BY-PRODUCTS PLANT. AREA B (1.5 NM NORTH) 6 BLAST FURNACES (2 WITH HORIZONTAL HOT STOVES AND 4 WITH VERTICAL HOT STOVES). AREA APPEARS INACTIVE AND POSSIBLY STILL UNDER CONSTRUCTION. AREA C (Ø.5 NM NE) AN ORE CONCENTRATION PLANT CONTAINS CRUSHING AND GRINDING FACILITIES, A FLOTATION BUILDING, 2 THICKENERS, 4 TAILINGS DEWATERING TANKS, AND FILTRATE AND CONCENTRATE STORAGE BUILDINGS. ONLY 2 DEWATERING TANKS IN USE BUT AREA APPEARS ACTIVE. AREA D (ONE NM SE) PROBABLY | 4111N 12325E | Ø29Ø | | 107 |

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| Target | Coordinates | WAC | BE | NPIC | |
| CONTAINS 8 BLAST FURNACES (4 WITH HORIZONTAL HOTSTOVES AND 4 WITH VERTICAL HOTSTOVES). AREA IS POSSIBLY STILL UNDER CONSTRUCTION. RAIL SPURS ASSOCIATED WITH THE BLAST FURNACES ARE BEING USED FOR RAIL CAR STORAGE. ACTIVITY APPEARS LOW. AREA E (2 NM SE) — A LARGE MINING AREA CONTAINS LARGE OPEN PIT MINE AND SEVERAL PROBABLE SHAFT MINES, 3 TIPPLES, AND A LARGE RAIL YARD CONTAINING APPROXIMATELY 75 UNIDENTIFIED CARS. MINE AND MINE AREA APPEAR ACTIVE. | 4147N 12330E | 0290 | 25X1A | 55-P | |
| SHEN-YANG AIRCRAFT ENGINE PLANT AND SHEN-YANG ARSENAL 90TH (BE NO NPIC TARGET NO 0290 55-B) ARE BOTH APPARENTLY INVOLVED IN AIRCRAFT ENGINE PRODUCTION. THE INSTALLATIONS ARE JUST NORTH OF SHEN-YANG AIRFIELD SOUTHEAST AND IN THE EASTERN SECTION OF SHEN-YANG COMPLEX. THEY CONTAIN 9 LARGE MONITOR-ROOF ASSEMBLY BUILDINGS, 12 PEAKED-ROOF WAREHOUSES, 20 SAWTOOTH-ROOF WORKSHOP/MACHINE SHOP BUILDINGS, ONE MONITOR-ROOF FORGE, ONE MONITOK-ROOF FOUNDRY, 9 PEAKED-ROOF WORKSHOPS, 2 POWER PLANTS, ONE TRANSFORMER YARD, 4 ADMINISTRATION BUILDINGS, 3 ENGINE TEST CELL BUILDINGS, 2 FUEL STORAGE BLENDING CONTROL STATIONS, A FENCED AREA CONTAINING 15 SMALL STORAGE BUILDINGS, AND ONE LARGE WAREHOUSE/STORAGE AREA ON WEST EDGE OF PLANT AREA. FACILITIES | | <i>B270</i> | | | |

25X1D

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| Target | Coordinates | WAC | Target | Numbers |
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| APPEAR ACTIVE. COMOR TARGET NO U-SHUN INDUSTRIAL COMPLEX 4 NM WEST FROM THE CENTER OF FU-SHUN. RAIL-SERVED INDUSTRIAL COMPLEX CONTAINS A STEEL PLANT (FU-SHUN STEEL PLANT, BE NO PLANT (FU-SHUN ALUMINA AND ALUMINUM PLANT, BE NO PLANT (FU-SHUN COAL LIQUEFACTION PLANT, BE NO PLANT (FU-SHUN COAL LIQUEFACTION PLANT, BE NO | Cooldingles | "" | BE | NPIC |
| COMOR TARGET NO | | | | |
| 4 NM WEST FROM THE CENTER OF FU-SHUN. RAIL-SERVED INDUSTRIAL COMPLEX CONTAINS A STEEL PLANT (FU-SHUN STEEL PLANT, BE NO AN ALUMINA AND ALUMINUM PLANT, BE NO AND A COAL 1 IQUEFACTION | 415ØN 12348E | 0290 | | 36-F |
| SHEN-YANG AIRFRAME PLANT 112 2 NM NORTH OF SHEN-YANG AND JUST WEST OF SHEN-YANG AIRFIELD NORTH. | 4152N 12325E | Ø29Ø | 25X1A | 55-Q |

25X1A

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| PLANT CONTAINS 7 MONITOR-ROOF SUBASSEMBLY BUILDINGS (ONE EXPANDED SINCE , ONE LONG MONITOR-ROOF FINAL ASSEMBLY BUILDING, A WIND.TONNEL, A STEAMPLANT, AND SEVERAL ASSOCIATED BUILDINGS. THE PLANT APPEARS ACTIVE WITH SMOKE RISING FROM THE STEAMPLANT. NO AIRCRAFT OBSERVED IN THE PLANT AREA. A LARGE HOUSING/ADMINISTRATION AREA IS LOCATED JUST WEST OF THE PLANT. COMOR TARSET NO WEN-KUAN-TUN SUBARSENAL SHEN-YANG 90TH RAIL-SERVED SECURED INSTALLATION COVERS APPROXIMATELY 4 SQ MILES 4.8 NM NNE OF THE OLD WALLED CITY OF SHEN-YANG. AREA A (NORTH OF RAILROAD) MAIN PROCESSING AND STORAGE AREA CONTAINS 39 PROCESSING BUILDINGS (11 REVETTED), 26 STORAGE BUILDINGS (7 REVETTED AND 7 ISOLATED), 2 VEHICLE SHEDS, 2 STEAMPLANTS, ONE ASSEMBLY BUILDING, AND ONE WATER TOWER. AREA B (SOUTH OF RAILROAD) AN ADMINISTRATION, MANUFACTURING AND HOUSING AREA CONTAINS 12 ADMINISTRATION BUILDINGS, 18 MANUFACTURING-TYPE BUILDINGS, APPROXIMATELY 300 HOUSING/SUPPORT BUILDINGS, A MOTOR POOL, SEVERAL STEAMPLANTS, 64 STORAGE BUILDINGS, 2 STORAGE TANKS, AND SEVERAL OPEN STORAGE AREAS. | 4 | W4.5 | Target N | lumbers |
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| BUILDINGS (ONE EXPANDED SINCE , ONE LONG MONITOR-ROOF FINAL ASSEMBLY BUILDING, A WIND TUNNEL, A STEAMPLANT, AND SEVERAL ASSOCIATED BUILDINGS. THE PLANT APPEARS ACTIVE WITH SMOKE RISING FROM THE STEAMPLANT. NO AIRCRAFT OBSERVED IN THE PLANT AREA. A LARGE HOUSING/ADMINISTRATION AREA IS LOCATED JUST WEST OF THE PLANT. COMER TARGET NO WEN-KUAN-TUN SUBARSENAL SHEN-YANG 90TH RAIL-SERVED SECURED INSTALLATION COVERS APPROXIMATELY 4 SQ MILES 4.8 NM NNE OF THE OLD WALLED CITY OF SHEN-YANG. AREA A (NORTH OF RAILROAD) MAIN PROCESSING AND STORAGE AREA CONTAINS 39 PROCESSING BUILDINGS (11 REVETTED), 26 STORAGE BUILDINGS (17 REVETTED AND 7 ISOLATED), 2 VEHICLE SHEDS, 2 STEAMPLANTS, ONE ASSEMBLY BUILDING, AND ONE WATER TOWER. AREA B (SOUTH OF RAILROAD) AN ADMINISTRATION, MANUFACTURING AND HOUSING AREA CONTAINS 12 ADMINISTRATION BUILDINGS, 18 MANUFACTURING-TYPE BUILDINGS, APPROXIMATELY 300 HOUSING/SUPPORT BUILDINGS, A MOTOR POOL, SEVERAL STEAMPLANTS, 64 STORAGE BUILDINGS, 2 STORAGE TANKS, AND SEVERAL OPEN STORAGE AREAS. | rdinates | WAC | BE | NPIC |
| 5X1D | 12329E | Ø29Ø | 25X1A | 55-X |
| LU-TA SHIPYARD NO APPARENT CHANGE IN FACILITIES SINCE | 12138E | Ø381 | | 18-C |

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| 25X1D 25X1D 25X1A 25X1D | MISSION VESSELS — ONE G-CLASS SSB BERTHED IN SAME POSITION AS ON MISSION BARGE SERVING AS BREASTING PLATFORM HAS BEEN REPLACED BY A LARGER RECTANGULAR PLATFORM. NO OTHER MODIFICATION NOTED. THREE GORDYY-CLASS ODD, ONE W-CLASS SS, 3 SHANGHAI-CLASS PTF IN WATER, 8 SHANGHAI-CLASS PTF IN VARIOUS STAGES OF CONSTRUCTION, 2 POSSIBLE SHANGHAI-CLASS HULL SECTIONS ON BUILDING WAYS, ONE TUG (APPROXIMATELY 135 FT LONG), ONE SMALL MERCHANT HULL, ONE MERCHANT HULL SECTION, 4 UNIDENTIFIED SURFACE VESSEL PRE-FABRICATED SECTIONS ON BUILDING WAYS, AND 21 MK-6-CLASS LCM. NO SUBMARINE CONSTRUCTION OBSERVED ON BUILDING WAYS. | | | BE | NPIC |
| 25X1D | CHOU-SHUI-TZU AREA, CEMENT PLANT ONE NM NORTH OF CHOU-SHUI-TZU AIRFIELD. RAIL- AND ROAD-SERVED APPARENTLY ACTIVE PLANT CONTAINS A MINING AREA JUST NORTH OF MAIN FACILITY, NUMEROUS PROCESSING BUILDINGS, AT LEAST 2 ROTARY KILNS, SILO STORAGE, AND SHIPPING FACILITIES. | 3858N 12132E | Ø381 | | 14-8 |
| 25X1D 25X1D | LU-TA PETROLEUM REFINERY NORTH EDGE OF LU-TA ON THE COAST. NO APPARENT CHANGE SINCE MISSION PLANT APPEARS ACTIVE WITH SMOKE/STEAM EMITTING FROM THE VARIOUS PLANT UNITS. TWO TANKERS DOCKED AT PIERS ADJACENT TO PLANT. | 3858N 12139E | Ø381 | 25X1A | 18-L |

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| 25X1A 25X1D | COMOR TARGET NO | | | | |
| 25X1D | SHAN-TZU AREA, MINING ACTIVITY 6.5 NM WSW OF SHAN-TZU. ROAD-SERVED ACTIVITY COMPRISES ONE MINE SHAFT WITH TAILINGS, ONE DERRICK, UNIDENTIFIED SUPPORT EQUIPMENT, APPROXIMATELY 100 SMALL PROBABLE PROCESSING BUILDINGS, NUMEROUS SMALL SUPPORT AND HOUSING BUILDINGS, AND OPEN STORAGE IN WESTERN PART OF PROCESSING AREA. | 3949N 12232E | Ø381 | | 141 |
| | BASIC SERVICES | | | 25X1A | |
| • | HUAN-JEN HYDROELECTRIC POWERPLT HUN CHIANG U/C 2.5 NM NE OF HUAN-JEN. HYDROELECTRIC POWERPLANT UNDER CONSTRUCTION ACROSS THE HUN CHIANG (RIVER) WITH DAM AND GENERATOR HALL UNDER CONSTRUCTION. NO TRANSFORMER YARD OBSERVED. SMALL EXPLOSIVES STORAGE AREA Ø.5 NM NNW CONTAINS 6 REVETTED BUILDINGS. A STRIP MINING AREA AND LARGE HOUSING/SUPPORT | 4117N 12524E | Ø29Ø | | 119-C |
| | AREA LOCATED ONE NM WEST OF DAM. NUMEROUS SMALL HOPPER CARS AND 20 TRUCKS OBSERVED. | | | 100 mg | |
| 25X1D | SMALL HUPPER CARS AND 29 TROOKS OBSERVED | | | de de | |
| | KAI-YUAN DAM CHING HU 5 NM SE OF KAI-YUAN ON CHING HO (RIVER). DAM APPEARS COMPLETED. NO EVIDENCE OF POWER GENERATION FACILITIES OBSERVED. INSTALLATION Ø.7 NM WEST OF DAM IDENTIFIED AS A POSSIBLE THERMAL ELECTRIC POWER PLANT | 4233N 12409E | Ø29Ø | | 40-8 |

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| Target | Coordinates | WAC | Target | Numbers |
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| 13.3 | Coordinates | WAC. | BE | NPIC |
| ON MISSION KAI-YUAN TPP CHING HO 5 NM SE OF KAI-YUAN. LARGE RAIL-SERVED THERMAL ELECTRIC POWER PLANT WITH A LARGE SINGLE STACK NOT EMITTING SMOKE. APPROXIMATELY 40 SMALLER PROCESSING/ FABRICATION BUILDINGS OBSERVED IMMEDIATELY WEST. | 4233N 124Ø9E | Ø29Ø | 25X1A | 40-C |
| PORTS AND HARBORS WEI-HAI PORT FACILITY EAST EDGE OF WEI-HAI. MINOR PORT FACILITY CONTAINS ONE LONG AND ONE SHORT PIER AND NUMEROUS WAREHOUSES. VESSELS APPROXIMATELY 15 PC/PT. | 373ØN 12206E | Ø381 | | 74-B |
| LU-TA PORT FACILITIES FACILITIES CONSIST OF 3 MAJOR ROAD— AND RAIL—SERVED AREAS. AREA 1 —— OIL BUNKERING PIER, BREAKWATER WITH 5 SMALL ATTACHED PIERS, COAL LOADING AND BUNKERING PIER, AND A PIER—SERVED CHEMICAL PLANT. AREA 2 —— 3 BREAKWATERS, 5 MOLES TOTALING APPROXIMATELY 7,700 FT OF BERTHAGE, APPROXIMATELY 2,550 FT OF QUAYAGE, 2 BOAT BASINS, 2 LARGE WAREHOUSES, AND OPEN STORAGE. THREE SMALL CRAFT BOAT YARDS CONTAIN 27 BUILDING WAYS. | 3855N 12139E | Ø381 | | 18-C1 |

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| | Target | Coord | linates | WAC | BE | NPIC |
| 25X1A 25X1D | AREA 3 4 MOLES TOTALING APPROXIMATELY 17,160 FT OF BERTHAGE, APPROXIMATELY 10,000 FT OF. QUAYAGE, 3 BOAT BASINS, 2 PIERS, BREAKWATER, 32 LARGE AND 13 MEDIUM WAREHOUSES, NUMEROUS SUPPORT BUILDINGS AND OPEN STORAGE AREAS. VESSELS 6 LARGE DRY CARGO, 6 SMALL DRY CARGO, AND 2 LST. COMOR TARGET NO | | | | | |
| 25X1D | SHEN-YANG STORAGE AREA EAST EDGE OF SHEN-YANG. PARTIALLY FENCED READ- AND RAIL-SERVED STORAGE AREA CUNTAINS NUMEROUS STORAGE/SUPPORT BUILDINGS AND UPEN STORAGE. PREVIOUSLY REPORTED POL STORAGE TANKS ARE PROBABLE GRAIN STORAGE SILOS. | 4148N | 12331E | Ø29Ø ¹ | 25X1A | 55-W |
| 25X1D | SHEN-YANG SUPPLY DEPOT NORTHEAST 10 NM NE OF SHEN-YANG. DEPOT CONTAINS 5 LARGE WAREHOUSES, 68 MEDIUM AND 42 SMALLER WAREHOUSES, EXTENSIVE OPEN STORAGE, ADMINISTRATION AND HOUSING AREA ON SW EDGE OF FACILITY, AND SEVERAL SUPPORT BUILDINGS IN A SECURED, ROAD- AND RAIL-SERVED AREA. | 4156N | 1233ØE | 0290 | F-7. | 55-L |
| | TIEH-LING AREA, STORAGE AREA 6.0 NM NE OF TIEH-LING. | 4221N | 12356E | Ø29Ø | | 6 1 -D |

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Target Numbers Target Coordinates WAC BE NPIC SECURED RAIL-SERVED STORAGE AREA CONTAINS APPROXIMATELY 25 BUILDINGS DISPERSED ALONG RAIL SPUR. OPEN STORAGE AREAS CONTAINING UNIDENTIFIED MATERIAL ARE DISPERSED ALONG RAIL SPUR AND IN AN ADJACENT VALLEY. AREA WITH BUILDINGS RAZED WITHIN VALLEY IS APPARENTLY A FORMER AMMUNITION STORAGE AREA. CHIN-HSIEN AREA, WAREHOUSE AREAS 3912N 12147E Ø381 10-G 7 NM NE OF CHIN-HSIEN. AREA A -- DOUBLE-FENCED WAREHOUSE AREA WITH 4 WAREHOUSE-TYPE, 2 BARRACKS, ONE SUPPORT, AND ONE SMALL RECEIVING BUILDING. AN ASSOCIATED AREA IMMEDIATELY NORTH AND EAST CONTAINS 2 BARRACKS, ONE SMALL VEHICLE SHED, 6 SUPPORT BUILDINGS, AND 2 APPARENTLY DISMANTLED SMALL BUILDINGS. AREA B (2 NM SE OF AREA A AT 39-10N 121-45E) -- DOUBLE-FENCED WAREHOUSE AREA CONTAINS 2 LARGE STORAGE BUILDINGS. A SMALL SUPPORT AREA TO WEST CONTAINS 6 BUILDINGS. URBAN COMPLEXES 25X1A YING-KOU COMPLEX 4040N 12217E Ø289 30 COMPLEX COVERS APPROXIMATELY 10 SQ MI WITH SMALL PORT FACILITIES ON NORTH SIDE. LIGHT INDUSTRY AND A STORAGE AREA CONTAINING APPROXIMATELY 90 STORAGE BUILDINGS IN NORTHERN SECTION. A SMALL RAIL YARD IS LOCATED IN

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25X1D

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| Target | Coordinates | | | BE | NPIC |
| CENTER OF CITY. REMAINDER OF COMPLEX PRIMARILY RESIDENTIAL. | (452h) | 12245E | Ø289 | 25X1A | 35-6 |
| HAI-CHENG COMPLEX COMPLEX, APPROXIMATELY 3 SQ MI IN AREA, COMPRISES MILITARY INSTALLATIONS, SOME LIGHT INDUSTRY, AND RAIL CLASSIFICATION YARD (HAI-CHENG RR STN A YD, BE NO WITH 6 TRACKS, ONE LOCOMOTIVE, AND APPROXIMATELY 20 UNIDENTIFIED RAIL CARS. SECURED BARRACKS APEA ON SE EDGE OF HAI-CHENG CONTAINS 10 BARRACKS, 2 ADMINISTRATION-TYPE, | אבעעד | 22476 | 0 207 | | |
| AND 20 STORAGE/SUPPORT BUILDINGS. COMOR TARGET NO | | | | | |
| AN-SHAN COMPLEX COMPLEX, APPROXIMATELY 25 SQ MI IN AREA, COMPRISES LARGE IRON AND STEEL WORKS, SEVERAL SMALL IRON AND STEEL WORKS, ORE PROCESSING PLANTS, CHEMICAL AND METAL PRODUCTS PLANTS, LARGE THERMAL POWER PLANT, SEVERAL RAILROAD YARDS, NUMEROUS MINING AREAS, AND LARGE BARRACKS AREAS. ALL MAJOR INDUSTRIES APPEAR ACTIVE. HAZE AND POUR QUALITY LIMIT INTERPRETATION OF RAIL FACILITIES. | 4107N | 12257E | Ø289 | | 1 |
| COMOR TARGET NO | | | | And the second second | |
| AN-TUNG COMPLEX TRANSPORTATION CENTER, APPROXIMATELY 12 | 4ØØ8N | 12424E | 0290 | Ĉ. | 27 |

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| | Target | Coordinates | WAC | Target | Numbers | |
|--|--|--|--------------|--------|------------------|--|
| 1 | Target | Coordinates | #AC | BE | NPIC | |
| 25X1D 25X1D 25X1D 25X1D 25X1D 25X1D | SQUARE MILES IN AREA, CONTAINS MINOR INDUSTRY, RIVER PORT FACILITIES, RAIL YARDS AND REPAIR SHOPS, AND NUMEROUS BARRACKS AND STORAGE FACILITIES. APPROXIMATELY 275 UNIDENTIFIED RAIL CARS OBSERVED. LIAO-YANG COMPLEX APPROXIMATELY 15 SQ MI IN AREA, COMPLEX INCLUDES SEVERAL INDUSTRIES, A LARGE ARSENAL, NUMEROUS STORAGE AREAS, EXTENSIVE RAIL FACILITIES, AND MILITARY INSTALLATIONS. APPROXIMATELY 70 UNIDENTIFIED RAIL CARS OBSERVED IN CLASSIFICATION YARD. ALL MAJOR FACILITIES APPEAR ACTIVE. COMOR TARGET NO PEN-CHI COMPLEX NO APPARENT CHANGE SINCE MISSION EXCEPT INDUSTRY APPEARS OPERATING AT FAIRLY HIGH LEVEL OF ACTIVITY. SHEN-YANG COMPLEX MAJOR INDUSTRIAL, RAIL, AND COMMERCIAL COMPLEX, APPROXIMATELY 130 SQ MI IN AREA, COMPLEX, APPROXIMATEL | 4117N 12311E 4118N 12345E 4148N 12327E | Ø29Ø Ø29Ø | 25X1A | 46 51-8 55 | |

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R-15/65

| | T | Coordinates | | Conditions | WAC | Target Numbers | |
|----------------|---|-------------|--------|--------------|--|----------------|--|
| | Target | Coore | inares | #AC | BE | NPIC | |
| | FU-SHUN COMPLEX COMPLEX COVERS APPROXIMATELY 65 SQ MI AND CONTAINS HEAVY INDUSTRY INCLUDING ALUMINUM AND SHALE OIL PLANTS, A THERMAL POWERPLANT, RAIL FACILITIES, MINING, AND EXTENSIVE STORAGE. | 4152N | 12353E | 0 290 | 25X1A | 36 | |
| 25X1A 25X1D | ALL MAJOR FACILITIES APPEAR ACTIVE. OBLIQUITY PRECLUDES DETAILED INTERPRETATION. COMUSE TARGET NO | | | | The The Charles of th | | |
| | TUNG-HUA COMPLEX CITY, APPROXIMATELY 15 SQ MI IN AREA, CONTAINS AN IRON AND STEEL PLANT, A LARGE THERMAL DOWERSLANT, UNIDENTIFIED DISTILLATION PLANT, SOLLING MILL, GRE PROCESSING BUILDING, AND A SMALL RAIL DAKSHALLING YARD, LARGE RAIL CLASSIFICATION NAME AND REPAIR SHOPS OBSERVED ON SW SIDE OF HUN CHIANG (RIVER) MIDWAY BETWEEN OLD CITY LIMITS AND INDUSTRIAL AREA. A LARGE MILITARY BARRACKS AREA AND EXPLUSIVES SIDRAGE AREA CONTAINING 13 REVETTED STURAGE BUILDINGS DISPERSED ALONG | 4143N | 12556E | 0290 | | 66 | |
| 25X1A 25X1D | VALLEY FLOOR GBSERVED 3.2 NM EAST OF OLD CITY LIMITS. COMOR TARGET NO | | | | A STATE OF THE STA | | |
| | TIEH-LING COMPLEX COMPLEX, 4 SQ MI IN AREA, CONTAINS A LARGE RAIL YARD INCLUDING TURN-TABLE, ENGINE HOUSE, LARGE CAR REPAIR BUILDING, AN ORDNANCE DEPOT, A RAIL-SERVED POL FACILITY ON SE | 4217N | 1235ØE | Ø29Ø | † | 61-C | |

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| 1 | Toront | C | dinates | WAC | Target Numbers | |
|----------------------------------|--|-------|---------|------|---|------|
| 1 | Target | Coor | ainates | WAC | BE | NPIC |
| 25X1D 25X1D | EDGE OF COMPLEX, AND LIGHT INDUSTRY. HAI-LUNG COMPLEX COMPLEX, LESS THAN 5 SQ MILES IN AREA, CONTAINS MINOR INDUSTRIAL ACTIVITY AND ONE SMALL RAIL CLASSIFICATION YARD. | 4239N | 12549E | Ø29Ø | 25X1A | 37 |
| 25X1A 25X1A 25X1D | LU-SHUN-KOU COMPLEX APPROXIMATELY 10 SQ MI IN AREA. PREDOMINANTLY PORT AND HARBOR FACILITIES INCLUDE SHIPYARD AND NAVAL BASE (LU-SHUN-KOU NAVAL BASE AND SHIPYARD, BE NO SUBMARINE BASE (LU-SHUN-KOU SUBMARINE BASE, BE NO AND COMMERCIAL DOCKING AREA. FACILITIES SURROUNDING HARBOR INCLUDE HOUSING AREAS, BARRACKS AREAS, SHIP REPAIR FACILITIES, NUMEROUS WAREHOUSE AREAS, MARINE RAILWAYS, AMMUNITION STORAGE AREAS, AND FUEL STORAGE AREAS. | 3848N | 12116E | Ø381 | | 53 |
| 25X1D 25X1D 25X1A 25X1A | LU-TA COMPLEX NO APPARENT CHANGE SINCE MISSION VESSELS 13 FREIGHTERS AND 2 TANKERS. COMOR TARGET NO | 3855N | 12137E | Ø381 | B 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 18 |
| | CHIN-HSIEN COMPLEX COMPLEX, APPROXIMATELY 5 SQ MI IN AREA, CONTAINS 2 LARGE PROCESSING AND SEVERAL SMALLER INDUSTRIES, RAILROAD YARD, SEVERAL | 39Ø6N | 12143E | Ø381 | Market 1 | 10 |

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Target Numbers Target Coordinates WAC BE NPIC STURAGE AREAS, AND MILITARY INSTALLATIONS. 25X1D 25X1D -NORTH KOREA-AIR INSTALLATIONS 25X1A UIJU AIRFIELD 4009N 12430E Ø29Ø 73 3 NM SSW OF UIJU.

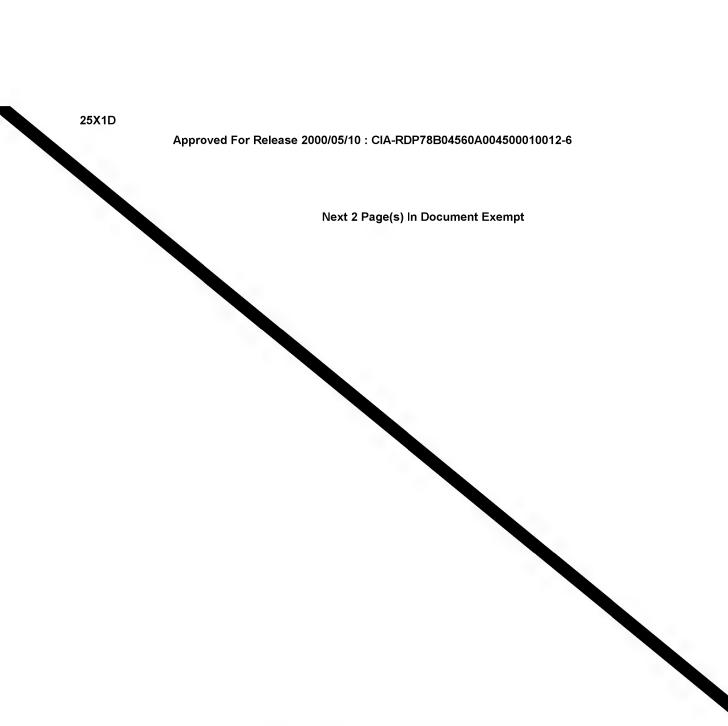
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R-15/65

| | Target | Coordinates | Coordinates WAC | | arget Numbers | |
|----------------|---|--------------|-------------------|--------------|-----------------|--|
|] | 8,100 X 190 FT NE/SW CONCRETE RUNWAY, SERVICEABLE, EACILITIES INCLUDE 2 PARALLEL TAXIWAYS (ONE ON EACH SIDE OF RUNWAY), 4 CROSSOVER LINKS CONNECTING TO SE PARALLEL TAXIWAY, 2 | Coordinates | WAC | Target BE | Numbers NPIC | |
| 25X1A 25X1D | PARKING RAMPS (ONE AT EACH END OF RUNWAY), 2 PARKING APRONS (ONE AT EACH END OF SE TAXIWAY), 17 AIRCRAFT REVETMENTS, APPROXIMATELY 30 FORMER AIRCRAFT REVETMENTS (SOME USED FOR STORAGE), ONE HANGAR, 2 FIRING—IN BUTTS, AND APPROXIMATELY 35 SUPPORT BUILDINGS. NO POL STORAGE VISIBLE. APPROXIMATELY 55 VEHICLES OBSERVED. AIRCRAFT — 59 BEAGLE, ONE CAB, AND ONE UNIDENTIFIED SINGLE—ENGINE. COMOR TARGET NO | | | | | |
| 25X1A 25X1D | ON SOUTH EDGE OF UIJU. PARTIALLY SECURED MILITARY INSTALLATION CONTAINS 5 BARRACKS, 4 STORAGE BUILDINGS, 3 ADMINISTRATION BUILDINGS, AN H-SHAPED MESSHALL, APPROXIMATELY 20 MISCELLANEOUS SUPPORT BUILDINGS, A HEATING/POWERPLANT, AND A POSSIBLE PARACHUTE LOFT. COMOR TARGET NO | 4011N 12432E | Ø29Ø | | 73-A | |

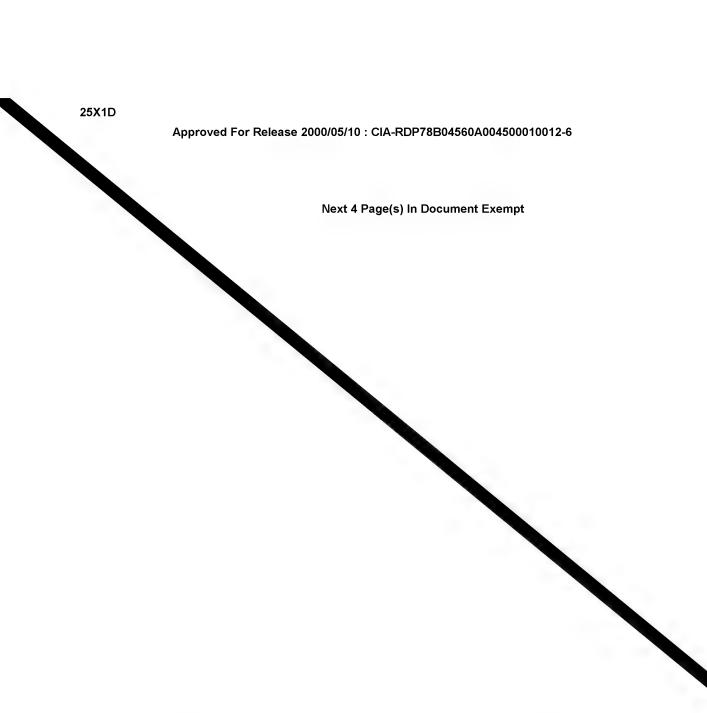
SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS "NAC" AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.



SECTION III

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.



INDEX

THIS INDEX PROVIDES A LISTING OF ALL TARGETS CONTAINED IN SECTIONS 1, 11, AND III. THE INDEX IS ARRANGED ALPHABETICALLY BY PLACE NAME WITHIN COUNTRY.

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates -- Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

<u>WAC</u>--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers—This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0499-15-A

and an NPIC target number 0498-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frames(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered cloud cover); HC (heavy cloud cover); SC-HC (scattered-to-heavy cloud cover); H (haze); CS (cloud shadow); SD (semidarkness); O (obliquity); PQ (poor image quality); and S (snow).

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